

KENWOOD

ASB-1053

Service Bulletin

Amateur Radio Division

Subject: TS-950SDX Change of Gate Resistor Type **Date:** March 28, 1994

Symptom:

If the final amplifier is operated at excessive transmit levels (over 150 watts output) the final FET's may fail and short from Source to Gate. If this occurs, the bias resistors used in this circuit may be damaged and cause a large amount of smoke to be emitted from the final compartment.

Corrective Action:

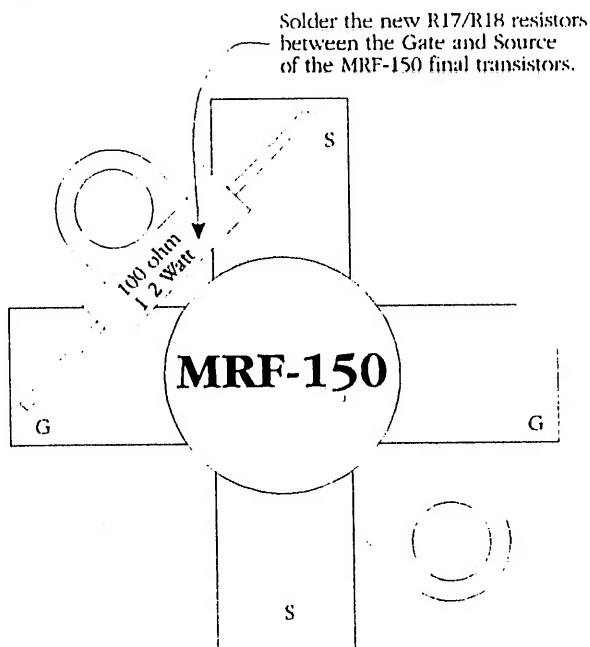
Change the carbon type resistors used for R17 and R18 to the fuse type resistors specified below. This will prevent an unpleasant odor and smoke from the final compartment.

Parts Required:

Qty	Description	New Part No.	Circuit Description
2	100 ohm 1/2 watt Fuse Resistors	R92-1310-05	R17, R18

Procedure:

Remove the old resistors from their locations on the circuit board and install the new resistors directly between the Gate and Source of the final transistors. (See the illustration below.)



Caution: If you do not have the proper equipment or knowledge do not attempt this modification yourself. Seek qualified assistance from your closest Kenwood Service Center (Long Beach, CA, or Virginia Beach, VA).

Time required for this modification is 60 minutes or less.

Service code A:14 B:X45-3450-00 C:R17,18 D:91